

Title (en)

PROCESS FOR BIOLOGICALLY PRODUCING AMIDE.

Title (de)

VERFAHREN ZUM BIOLOGISCHEN ERZEUGEN VON AMIDEN.

Title (fr)

PROCEDE PERMETTANT DE PRODUIRE BIOLOGIQUEMENT UN AMIDE.

Publication

**EP 0093782 A4 19840404 (EN)**

Application

**EP 82902911 A 19820929**

Priority

JP 18468881 A 19811118

Abstract (en)

[origin: WO8301784A1] A process for hydrating a nitrile containing 2 to 4 carbon atoms to a corresponding amide by the action of microorganisms belonging to genus Pseudomonas and capable of hydrating a nitrile to a corresponding amide. Particularly, acrylamide, highly useful as a material for producing polymer, can be produced extremely easily with less energy.

IPC 1-7

**C12P 13/02**

IPC 8 full level

**C12P 13/02** (2006.01); **C12R 1/01** (2006.01); **C12R 1/38** (2006.01)

CPC (source: EP US)

**C12P 13/02** (2013.01 - EP US); **Y10S 435/874** (2013.01 - EP US)

Citation (search report)

- [Y] GB 2018240 A 19791017 - NITTO CHEMICAL INDUSTRY CO LTD
- [Y] CHEMICAL ABSTRACTS, vol. 76, no. 11, March 13, 1972, page 156, abstracts no. 55736u, COLUMBUS, Ohio (US)
- [XP] AGRICULTURAL AND BIOLOGICAL CHEMISTRY, vol. 46, no. 5, May 1982, TOKYO (JP)

Cited by

US5200331A; EP0530522A3; EP0444639A3; US5077212A; EP0115781A3; US7749739B2; WO0250297A1; WO8607386A1; EP2711429B1

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

**WO 8301784 A1 19830526**; DE 3275434 D1 19870319; EP 0093782 A1 19831116; EP 0093782 A4 19840404; EP 0093782 B1 19870211; JP S5886093 A 19830523; JP S5937951 B2 19840912; US 4637982 A 19870120

DOCDB simple family (application)

**JP 8200393 W 19820929**; DE 3275434 T 19820929; EP 82902911 A 19820929; JP 18468881 A 19811118; US 52757983 A 19830705